



INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/001791

| A. CLASSIFICATION OF SUBJECT MATTER IPC7 G03F 7/027 According to International Patent Classification (IPC) or to both national classification and IPC | | |
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| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7 G03F 7/027, G03G 5/14, G03G 5/24, Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR, JP : classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NPS, JPO, ESPACENET, DELPHION | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | US 5,919,569 A (Tokyo Ohka Kogyo Co., Ltd.,) 06. Jul. 1999 See the whole document | 1 - 11 |
| A | US 4,822,705 A (Ricoh Company , Ltd.,) 18. Apr. 1989 See the whole document | 1 - 11 |
| A | EP 770 923 A1 (Tokyo Ohka Kogyo Co., Ltd.,) 02. Mai. 1997 See the whole document | 1 - 11 |
| A, P | EP 1 324 139 A2 (Ricoh Company , Ltd.,) 02. Jul. 2003 See the whole document | 1 - 11 |
| <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex. </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 48%;"> <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 48%;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p> </div> </div> | | |
| Date of the actual completion of the international search 30 JANUARY 2004 (30.01.2004) | | Date of mailing of the international search report 30 JANUARY 2004 (30.1.2004) |
| Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140 | | Authorized officer KIM, Hyun Sook Telephone No. 82-42-481-5584  |

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Information on patent family members

International application No.

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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| EP 1 324 139 A2 | 02. Jul. 2003 | US 2003/0232265 A1 | 18. Dec. 2003 |